
North America's Leader in Hazardous Material Information Management
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MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☐ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☒ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: SureCo, Inc.
Product Name: Pentrex

MATERIAL SAFETY DATA SHEET

RIGID/BLACK LEAF PRODUCTS
DIVISION OF SURECO, INC.
8011 NEW LAGRANGE RD., SUITE 1
LOUISVILLE KY 40222
502-326-9508

Section 1 Name	Product / Trade Name Pentrex		Chemical Name / Common Name: Orthophosphoric Acid/Phosphoric Acid Potassium Chloride/Muriate of potash Urea/Urea	
	Emergency Telephone Numbers: Chemtrec (800) 424-9300			
Section 2 Hazardous Ingredients	CAS #		OSHA PEL	ACGIH TLV
	Urea 69.6%	51-13-6	NE	NE
	Potassium Chloride 3.4%	7447-40-7	NE	NE
	Phosphoric Acid 6.6%	7664-38-2	1 mg/m ³	1 mg/m ³
Section 3 Physical Data	Flash Point / Method	NE	Melting Point	NA
	Specific Gravity (H ₂ O = 1)	NE	Vapor Pressure (mmHg)	NE
	Vapor Density (Air = 1)	NE	Solubility in H ₂ O	Insoluble
	% Volatiles by Vol.	NE	Odor/Appearance	Mild/green liquid
Section 4 Fire & Explosion Hazard	Extinguishing Media <input checked="" type="checkbox"/> Water Fog <input type="checkbox"/> Foam <input type="checkbox"/> Alcohol Foam <input checked="" type="checkbox"/> CO ₂ <input type="checkbox"/> Dry Chemical <input type="checkbox"/> Other _____			
	Fire Fighting Precautions & Hazards: Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Avoid breathing vapors and spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.			
Section 5 Carcinogen Status	<input type="checkbox"/> OSHA <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input checked="" type="checkbox"/> No Listing Type			
Section 6 Reactivity	<input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable		Hazardous Polymerization <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	
	Avoid: Strong oxidizers Alkalies, cyanids, sulfides		Hazardous Decomposition Products: CO, CO ₂ , Cl, PO _x , H, NO _x	
Section 7 Spill or Leak Procedures	<p>Steps to be taken in case of spill: Wear appropriate personal and respiratory protective equipment. Absorb with inert material and place in an approved disposal container.</p> <p>Decontamination: Treat contaminated area with detergent and water and absorb with inert material. Repeat procedure and place in approved disposal containers.</p> <p>Environmental hazards: Dike area to prevent entering drains, sewers, or water courses.</p> <p>Disposal: Dispose of in accordance with Federal, State, and local regulations.</p>			

*Technical Material

NE - Not Established

NA - Not Applicable

Section 8 Health Precaution Data	Ingestion: Acute oral LD ₅₀ (rat) for Phosphoric Acid 1530 mg/kg (SAX*). Do not ingest. Wash before eating, drinking, or smoking. Do not store near food or feed.
	Inhalation: PEL/TLV Phosphoric Acid 1 mg/m ³ . Avoid breathing spray mist. Wear proper personal protective equipment for exposures above the PEL/TLV. Can cause nasal and respiratory irritation.
	Skin absorption: Acute dermal LD ₅₀ (rabbit) for Phosphoric Acid 2740 mg/kg (SAX*). Can be an irritant. Prolonged contact can cause dermatitis, burns, and tissue damage. Wear proper personal protective equipment to reduce exposure.
	Eye exposure: Can irritate eyes. Wear proper eye protection to protect against splashes. If exposed flush eyes with water for a minimum of 15 minutes.
	Effects of overexposure: Symptoms of overexposure include weakness, blurred vision, nausea, vomiting, fatigue, headache, flushing, narcosis, and coma. Can cause skin irritation and burns. Can be fatal. Chronic exposure causes irritation of eyes, nose, and throat. Pre-existing medical conditions involving the above symptoms may be aggravated by exposure.
Section 9 Special Protection Information	First aid: In all cases, get prompt medical attention. If swallowed, give several glasses of water and induce vomiting. Do not induce vomiting if person is unconscious. For skin exposure, wash with soap and water. For eye exposure, flush eyes with water for a minimum of 15 minutes. If inhaled, remove victim to fresh air.
	Respiratory protection: Use NIOSH/MSHA-approved respirator for organic vapors for exposures up to 10 times the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and exposures above 10 times the PEL/TLV.
	Personal protective equipment: Neoprene boots and gloves, long-sleeved coveralls, and chemical goggles should be worn. For manufacture, formulation, or application operations, recommend a shower at the end of the work shift.
Section 10 Special Precautions	Ventilation: General ventilation should be sufficient for use. Local exhaust ventilation should be used for manufacture and formulation activities. Allow closed trucks to adequately ventilate before entering.
	Read and follow all label instructions.
	Keep out of the reach of children.
	Avoid contact with mild steel, copper, active metals, brass and bronze.